

U.S. ENVIRONMENTAL PROTECTION AGENCY

EPA-REGION II  
OFFICE OF EMERGENCY &  
REMEDIAL RESPONSE

POLLUTION REPORT

1984 AUG 15 PM 2:38

DATE: July 31, 1984

DIRECTOR'S OFFICE

Region II  
Emergency Response Branch  
Edison, NJ 08837

(201) 321-6670 - Commercial  
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TO: R. Dewling, EPA  
W. Librizzi, EPA  
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W. Mugdan, EPA  
J. Marshall, EPA  
USCG 3rd District, (mep)  
USCG COTPNY  
ERD, EPA Washington, D. C.  
(Data Gram)  
D. Vaupel, USGS  
T. Quinn, NYSDEC  
N. Nosenchuck, NYSDEC  
NRC  
G. Donohue, Nassau County  
Dept. of Health  
J. Schechter, Nassau County  
Dept. of Health  
TAT

POLREP NO.: Twenty-Nine (29)  
INCIDENT NAME: Hicksville MEK  
SITE/SPILL NO.: 246-82, CERCLA No: 36  
POLLUTANT: Methyl Ethyl Ketone  
CLASSIFICATION: Medium  
SOURCE: Mattiace Petrochemical Co., Glencove, New York  
LOCATION: Hicksville, Long Island  
AMOUNT: Approximately 3,000 Gallons  
WATER BODY: Groundwater

1. SITUATION:

A. Planned removal operations continue under ERCS contract No. 68-01-6893, order for services No. 6893-02-002.

2. ACTION TAKEN:

- A. Wells Nos. 9, 10 and 11 are being pumped at 20 gpm, 30 gpm and 20 gpm respectively.
- B. The iron precipitation problems has been controlled by pH adjustment.
- C. Stripper Inlet temperature has been raised to and maintained at 190°F.

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D. ReInjection of water meeting NYSDOH requirements of less than 50 ppb continues. Five of the six planned reinjection points have been used, with about 60,000 gallons going to the 3 dry wells, about 160,000 to the spill site reinjection pool and about 194,300 to well No. 2. Evaporation losses account for about 20,000 gallons of the approximately 414,300 gallons of groundwater processed to date.

E. Influent MEK concentration has been decreasing steadily. Detention tank MEK levels have dropped from an initial 700 ppm on 7/8/84 to 107 ppm on 7/26/84. Well No. 10, the most productive well, has dropped from 2200 ppm to 212 ppm MEK at the wellhead over the same period. Well No. 9 is down to 2.5 ppm from a 214 ppm high. Well No. 11 is now showing 95 ppm, but seems to be receiving the bulk of the reinjected spill site water, and seems to be stable around the 100 ppm level.

F. Pump suction levels in the extraction wells have been adjusted for maximum MEK recovery.

3. STATUS OF FUNDS:

A. Total Extramural Trust Funds  
Authorized for Mitigation  
Contracts

\$ 900,000.00

B. Expenditures for Mitigation

1.a. Amount obligated under ERCS  
Contract #68-01-6893, O.H.  
Materials, Order for Services  
Number 2893-02-002 dated  
2/13/84 (DCN #D2D013)

500,000.00

1.b. Estimated expenditures to  
7/27/84 under (DCN #D2D013)

484,346.48

1.e. Balance of obligated amount  
under (DCN #D2D013)

15,653.52

2.a. Amount obligated under ERCS  
Contract #68-01-6893, O.H.  
Materials, Order for services  
Number 2893-02-002 dated  
7/27/84 (DCN #KCS407)

323,550.00

2.b. Estimated expenditures to  
7/27/84 under (DCN #KCS407)

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2.c. Balance of obligated amount under (DCN #KCS407)	\$ 323,550.00
C. Balance of unobligated funding under DCN #D2D013 dated 7/27/84	76,450.00
D. Estimated total expenditures to 7/27/84 for mitigation contracts	484,346.48
E. Other estimated costs	
a. TAT costs to date through 7/27/84	17,581.00
F. Intramural costs	
a. EPA costs to date through 7/27/84	10,000.00
G. Total estimated expenditures to 7/27/84	\$ 511,927.48
Percentage of IM	51.19%

4. FUTURE PLANS AND RECOMMENDATIONS:

A. Continue the authorized planned removal action.

CASE PENDING X

CASE CLOSED \_\_\_\_\_

SUBMITTED BY:

*Robert M. Cobiella*  
Robert Cobiella, OSC  
Emergency Response  
Branch

Date Released: July 31, 1984

(TAT)